



- 1 -

Docket: 0756-1724

500/277A
\$
#5
10-26-98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of)
Masaaki HIROKI et al.) Art Unit: 2774
Serial No. 08/943,238) Examiner: L. Lao
Filed: October 1, 1997)
For: ELECTRO-OPTICAL DEVICE) Date: September 11, 1998

REQUEST FOR AMENDMENT OF INVENTORSHIP

IN ACCORDANCE WITH 37 C.F.R. 1.48(a)

Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

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It is hereby requested that the subject application be amended in accordance with 37 C.F.R. 1.48(a) to name the actual inventors of the invention of the subject application.

Accordingly, submitted herewith is a statement under 37 C.F.R. 1.48(a)(1) from Shunpei Yamazaki, who is being added as an inventor, that the inventorship error in the subject application occurred without any deceptive intention on his part.

Moreover, submitted herewith, in accordance with 37 C.F.R. 1.48(a)(2), is a declaration by the actual inventors.


Also submitted herewith in accordance with 37 C.F.R. 1.48(a)(4) is a

written consent from the assignee of the subject application agreeing to the change of inventorship in the application.

Finally, submitted herewith in accordance with 37 C.F.R. 1.48(a)(3) is the fee set forth in 37 C.F.R. 1.17(i) in the amount of \$130.00. The Patent Office is authorized to charge any additional fees that might be required with respect to this request to Deposit Account No. 19-2380 (0756-1724). Hence, also submitted herewith is a duplicate copy of this paper.

Accordingly, it is submitted that this request is in order and should be granted.

Respectfully submitted,



Gerald J. Ferguson, Jr.
Registration No. 23,016

Sixbey, Friedman, Leedom & Ferguson, P.C.
2010 Corporate Ridge, Suite 600
McLean, Virginia 22102
(703) 790-9110

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GROUP 2700



- 1 -

Docket: 0756-1724

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In re PATENT application of)
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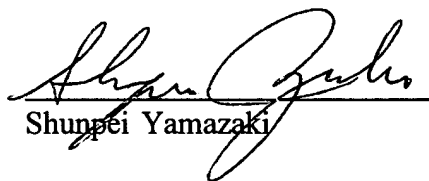
STATEMENT UNDER 37 C.F.R. 1.48(a)(1)

Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I, Shunpei Yamazaki, hereby state that the inventorship error in the subject application occurred without any deceptive intention on my part.

July 21, 1998
Date


Shunpei Yamazaki



- 1 -

Docket: 0756-1724

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of)
Masaaki HIROKI et al.) Art Unit: 2774
Serial No. 08/943,238) Examiner: L. Lao
Filed: October 1, 1997)
For: ELECTRO-OPTICAL DEVICE)

CONSENT OF ASSIGNEE UNDER 37 C.F.R. 1.48 (a)(4)

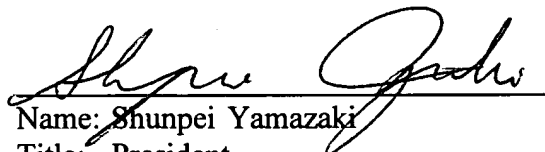
Honorable Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I, Shunpei Yamazaki, having a place of business at Semiconductor Energy laboratory Co., Ltd., 398 Hase Atsugi-shi, Kanagawa-ken, 243-0036 Japan, state that I am authorized to sign on behalf of the assignee of the subject application. The entire right, title and interest in the above-identified application is in the name of Semiconductor Energy Laboratory Co., Ltd. by virtue of an Assignment recorded in the U.S. Patent and Trademark Office at Reel 6092, Frame 0663.

Semiconductor Energy Laboratory Co., Ltd. hereby consents to the change of inventorship in the subject application adding Shunpei Yamazaki as an inventor in the subject application.

July 21, 1998
Date


Name: Shunpei Yamazaki
Title: President
Company Name: Semiconductor Energy
Laboratory Co., Ltd.



PTC/SEP108 (8-98)

Approved for use through 9/30/98. OMB 0581-0002

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that

私の住所、および、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ELECTRO-OPTICAL DEVICE

上記発明の明細書（下記の欄でx印がついていない場合は、本書に添付）は、

the specification of which is attached hereto unless the following box is checked:

☐ 月 日に提出され、米国出願番号または特許協定条約
国際出願番号を _____ とし、
(該当する場合) _____ に訂正されました。☒ was filed on October 3, 1997
as United States Application Number or
PCT International Application Number
08/943,238 and was amended on
10/03/1997 (if applicable).私は、特許請求範囲を含む上記訂正後の明細書を検討し、
内容を理解していることをここに表明します。I hereby state that I have reviewed and understand the contents of
the above identified specification, including the claims, as
amended by any amendment referred to above.私は、連邦規則法典第37編第1章56項に定義されると
おり、特許資格の有無について重要な情状を開示する義務が
あることを認めます。I acknowledge the duty to disclose information which is material to
patentability as defined in Title 37, Code of Federal Regulations,
Section 1.56.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid CMB control number.

Japanese Language Declaration

(日本語宣言書)

私は、米国法典第35篇119条(a)-(c)項又は365条(b)項に基づき下記の、米国以外の国の少なくとも一ヶ国を指定している特許協力条約365(a)項に基づく出願出願、又は外国での特許出願もしくは発明特許の出願についての外国特許権をここに主張するとともに、特許権を主張している、本出願の前に出願された特許または発明特許の外国出願を以て、その内をマークすることで、示しています。

Prior Foreign Application(s)

外国での発明出願

3-77317

(Number)

(番号)

3-77320

(Number)

(番号)

Japan

(Country)

(国名)

Japan

(Country)

(国名)

私は、第35篇米国法典119条(e)項に基づいて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.)

(出願番号)

(Filing Date)

(出願日)

私は、下記の米国法典第35篇120条に基づいて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基づき権利をここに主張します。また、本出願の各請求範囲の内容が米国法典第35篇112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内または特許協力条約国際提出日までの期間中に入手された、選考規則法典第37篇1条56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

08/372,899

(Application No.)

(出願番号)

07/993,391

(Application No.)

(出願番号)

01/17/1995

(Filing Date)

(出願日)

12/18/1992

(Filing Date)

(出願日)

私は、私自身の知識に基づいて本宣言書で私が行なう表明が真実であり、かつ私の入手した情報と私の信じていることに基づき表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18篇第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の表明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim (foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed

特許権主張なし

February 16, 1991

(Day/Month/Year Filed)

(出願年月日)

February 16, 1991

(Day/Month/Year Filed)

(出願年月日)

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)

(出願番号)

(Filing Date)

(出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

Pending

(Status: Patented, Pending, Abandoned)

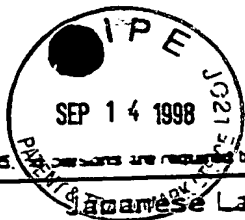
(現況: 特許許可済、係属中、放棄済)

Abandoned

(Status: Patented, Pending, Abandoned)

(現況: 特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States-Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



Under the Paperwork Reduction Act of 1995, respondents are requested to respond to a collection of information unless it displays a valid CMB control number.

Japanese Language Declaration (日本語宣言書)

私は、米国特許法第35編119条(a)-(c)項又は355条(b)項に基づき、本出願の国は少なくとも一か国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは特許出願の申請についての外国特許出願をここに主張するとともに、特許権を主張している。本出願の前に出願された特許又は特許出願の外国出願を以下に、線をマークすることで、示しています。

Prior Foreign Application(s)

外国での特許出願 3-77321	Japan
(Number)	(Country)
(番号)	(国名)
3-87776	Japan
(Number)	(Country)
(番号)	(国名)

私は、第35編米国特許法119条(e)項に基づいて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.)	(Filing Date)
(出願番号)	(出願日)

私は、下記の米国特許法第35編120条に基づいて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)項に基づく権利をここに主張します。また、本出願の各請求範囲の内容が米国特許法第35編112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願を提出日以降で本出願書の日本国内または特許協力条約国提出日までの期間中に入手された、連邦規則法典第37編1.56項で規定された特許資料の有無に関する重要な情報について開示義務があることを認識しています。

07/837,394	02/18/1992
(Application No.)	(Filing Date)
(出願番号)	(出願日)

(Application No.)	(Filing Date)
(出願番号)	(出願日)

私は、私自身の知識に基づいて本宣言書で私が行なう表明が真実であり、かつ私の入手した情報と私の信じていることに基づき、表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国特許法第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の表明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 355(b) of any foreign application(s) for patent or inventor's certificate, or 355(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed

優先権を主張なし

February 16, 1991
(Day/Month/Year Filed)
(出願年月日)
March 27, 1991
(Day/Month/Year Filed)
(出願年月日)

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)	(Filing Date)
(出願番号)	(出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 355(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

Patented - 5,200,846
(Status: Patented, Pending, Abandoned)
(現況: 特許許可済、保居中、放棄済)

(Status: Patented, Pending, Abandoned)
(現況: 特許許可済、保居中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Japanese Language Declaration

(日本語宣言書)

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Prior Foreign Application(s)

外国での出願

3-89540

(Number)

(番号)

Japan

(Country)

(国名)

(Number)

(番号)

(Country)

(国名)

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(Application No.)

(出願番号)

(Filing Date)

(出願日)

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(Application No.)

(出願番号)

(Filing Date)

(出願日)

(Application No.)

(出願番号)

(Filing Date)

(出願日)

私は、私自身の知識に基づいて本宣言書中で私が行なう表明が真実であり、かつ私の入乎した情報と私の信じているところに基づき表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18篇第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の表明を行なえば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim (foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed

優先権主張なし

March 27, 1991

(Day/Month/Year Filed)

(出願年月日)

(Day/Month/Year Filed)

(出願年月日)

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)

(出願番号)

(Filing Date)

(出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Status: Patented, Pending, Abandoned)

(現況: 特許許可済、係属中、放棄済)

(Status: Patented, Pending, Abandoned)

(現況: 特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration

(日本語宣言書)

委任状 私は下記の発明者として、本出願に関する一切の
手続を特許庁長官に対して遂行する并にまた代理人
として、下記の者を指名いたします。(弁護士、または代理人
の名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint
the following attorney(s) and/or agent(s) to prosecute this
application and transact all business in the Patent and Trademark
Office connected therewith (list name and registration number)

Daniel W. Sixbey, (Reg. No. 20,932)

Stuart J. Friedman (Reg. No. 24,312)

Charles M. Leedom, Jr. (Reg. No. 26,477)

Gerald J. Ferguson, Jr. (Reg. No. 23,016)

David S. Saffran (Reg. No. 27,997)

Thomas W. Cole (Reg. No. 28,290)

Joan K. Lawrence (Reg. No. 29,940)

Donald R. Sudebaker (Reg. No. 32,315)

Jeffrey L. Costellia (Reg. No. 35,483)

Evan R. Smith (Reg. No. 35,683)

Tim L. Brackett (Reg. No. 36,092)

Eric J. Robinson (Reg. No. 38,235)

書類送付先

Send Correspondence to:

SDXBey, FRIEDMAN, LEEDOM & FERGUSON, P.C.
2010 Corporate Ridge, Suite 600
McLean, Virginia 22102

SDXBey, FRIEDMAN, LEEDOM & FERGUSON, P.C.
2010 Corporate Ridge, Suite 600
McLean, Virginia 22102

直接電話連絡先: (名前及び電話番号)

Direct Telephone Calls to: (name and telephone number)

Gerald J. Ferguson, Jr.
(703)-790-9110

Gerald J. Ferguson, Jr.
(703) 790-9110

唯一または第一発明者

Full name of sole or first inventor

Masaaki HIROKI

発明者の署名

日付

Inventor's signature

Date

Masaaki Hiroki

September 2, 1998

住所

Residence

Kanagawa, Japan

国籍

Citizenship

Japanese

私書箱

Post Office Address

c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD.
398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

第二共同発明者

Full name of second joint inventor, if any

Akira MASE

発明者の署名

日付

Inventor's signature

Date

Akira Mase

August 24, 1998

住所

Residence

Aichi, Japan

国籍

Citizenship

Japanese

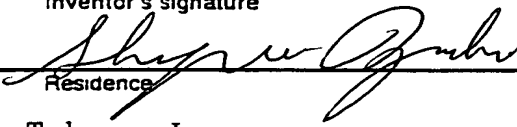
私書箱

Post Office Address

c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD.
398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan

(第三以降の共同発明者についても同様に記載し、署名をす
ること)

(Supply similar information and signature for third and
subsequent joint inventors.)

第三共同発明者		Full name of third joint inventor, if any	
Shunpei YAMAZAKI			
発明者の署名	日付	Inventor's signature	Date
			September 3, 1998
住所	Residence		
	Tokyo, Japan		
国籍	Citizenship		
	Japanese		
私書箱	Post Office Address		
	c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD.		
	398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan		
第四共同発明者		Full name of fourth joint inventor, if any	
発明者の署名	日付	Inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		
第五共同発明者		Full name of fifth joint inventor, if any	
発明者の署名		Inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		
第六共同発明者		Full name of sixth joint inventor, if any	
発明者の署名		Inventor's signature	Date
住所	Residence		
国籍	Citizenship		
私書箱	Post Office Address		